Nutrients Available 2nd Crop Year

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SE	ERVICE						M	IN-CPA-35D 6/02
	y Manure	Nutr	ient Cred	iting				0/02
	For Cro			Ü				
Producer/Operator					Planning Date			
Gather the following information: lab analyst actual application method and incorporation		, propo	sed or actua	al man	ure applica	tion rate,	and prop	osed or
2. Multiply the lab analysis (a) by rate (b) to d	etermine (c) t	total nu	trients per a	icre ap	plied to the	field.		
 Select appropriate 1st year N availability already entered on the form. The percenta selected manure application processes. N availability percentages. The answers are acre basis. 	%. 1 st year P	20 ₅ a	nd K ₂ O ava	ailabiliti nts afte	es and <mark>2nd</mark> er deductin	year N a	t losses a	ttributed to
	ncorporation		-	_		Injection		
None (>96 hrs.) 12 1 st year N% 20%	2 hrs. to <4 da 40%	ays	<12 hr 55 %			Swee 55		Knife 50%
M	anure sour		olication					
		N			P_2O_5		K ₂ 0	
Manure Analysis (lbs./ton or 1000 gals.)	(a)	$\frac{x}{x}$		(a)	V	(a)		
Application Rate (tons or 1000 gals./acre)	(b)			(b)	<u>~</u>	(b)	X	
Total Nutrients applied (lbs./acre) (a	a) X (b)= (c)	X		(c)	X	(c)	X	
% available 1 st year			%		80%		90%	
Nutrients Available 1 st Crop Year			lbs./ac		lbs	./ac.	lb:	s./ac.
Nutrients Available 2nd Crop Year = N (c)	X25%=		bs./ac. N		NONE		NONE	
м	anure sourc	e/ appl LD #	lication					
Manure Analysis (lbs./ton or 1000 gals.)	(a)	N		(a)	P ₂ O ₅	(;	K₂0 a)	
Application Rate (tons or 1000 gals./acre)	(b)	X		(b)	X		X b)	
	a) X (b)= (c)	X	27	(c)	X	(1	c) X	
% available 1 st year			% 		80%	laa	90%	ha /aa
Nutrients Available 1 st Crop Year			lbs./ac			./ac.		bs./ac.
Nutrients Available 2nd Crop Year = N (c)	X25%=	!	bs./ac. N		NONE		NONE	
Manure sou		tion E LD # 1		t/Knife	Inject			
Manure Analysis (lbs./ton or 1000 gals.)		N 32.2			P ₂ O ₅	,	K ₂ 0	
	7 /	X			X		(a) 18.6	
Application Rate (tors of 1000 gals /acre) Total Nutrients applied (lbs/acre)	a) X (b)=(c)	5 161		(b)	5 83.5		(b) 5 (c) 93	
% available 1st year		X 50%			X 80%		X 90%	
Nutrients Available 1st Crop Year		80 lbs	./ac	66 I	bs./ac.	9	93 lbs./ac	; .

= N (c)161 X25%=40_lbs./ac. N

NONE

NONE

93 lbs./ac.

NONE

66_lbs./ac.

NONE

Nutrients Available 1st Crop Year

Nutrients Available 2nd Crop Year = N (c)161 X25%=40_lbs./ac. N

F	Beef Manure			ting						
For Crop Year						Planning Date				
Producer/Operator						Piann	ing Date			
 Gather the following information: lab analysis of manure, proposed or actual manure application rate, and proposed or actual application method and incorporation timing. 										
2. Multiply the lab analysis (a) by rate (b) to	2. Multiply the lab analysis (a) by rate (b) to determine (c) total nutrients per acre applied to the field.									
3. Select appropriate 1 st year N availability %. 1 st year P ₂ O _{5 and} K ₂ O availabilities and 2 nd year N availabilities are already entered on the form. The percentages account for available nutrients after deducting nutrient losses attributed to selected manure application processes. Multiply (c) total nutrients per acre applied to the field by the respective availability percentages. The answers are nutrients available the 1 st and 2 nd crop years after application on a per acre basis.										
Broadcast- None (>96 hrs.)	Incorporation 12 hrs. to <4 d		 <12 hrs	2		Sweep	Inject	t ion Knife		
1 st year N% 25%	45%	ays	60%			60% 50%				
Manure source/application FIELD #										
Manure Analysis (lbs./ton or 1000 gals.)	(a)	N	-	(a)	P ₂ O ₅	(a)	K ₂ 0			
Application Rate (tons or 1000 gals./acre)	(b)		=	(b)		(b)				
Total Nutrients applied (lbs./acre)	(a) X (b)=(c)	X	-	(c)	<u>x</u>	(c)	x			
% available 1 st year		^	%		80%		90%			
Nutrients Available 1 st Crop Year			lbs./ac		I	bs./ac.	lb:	s./ac.		
Nutrients Available 2nd Crop Year = N ((c) X25%=	=	lbs./ac. N		NONE	ı	NONE			
Manure source/ application FIELD #										
		N			P ₂ O ₅		K ₂ 0			
Manure Analysis (lbs./ton or 1000 gals.)	(a)	X	=	(a)	<u>x</u>	(a	ı) X			
Application Rate (tons or 1000 gals./acre)	(b)		_	(b)		(b				
Total Nutrients applied (lbs./acre)	(a) X (b)= (c)	X	=	(c)	X	(0	:) X			
% available 1 st year		^	%		80%		90%			
Nutrients Available 1st Crop Year			lbs./ac		I	bs./ac.	I	bs./ac.		
Nutrients Available 2nd Crop Year = N (c) X25%=		bs./ac. N		NONE		NONE			
Manure source/application Earthen Pit/Broadcast Inc. 2 days FIELD # 1-5										
Manure Analysis (lbs./ton or 1000 gals.) Application Rate (tons or 1000 gals.//acre)	(a) (b)	N 32.2 X 5		(a) 2	X	•	K ₂ 0 a) 18.6 X b) 5			
Total Nutrients applied (lbs./acre)	(a) X (b)=(c)	161 X			83.5 X	((c) <mark>93</mark> X			
% available 1 st year		45 %			80%		90%			

72 lbs./ac

Swine Manure Nutrient Crediting

For Crop Year

Producer/Operator____

Planning Date

- Gather the following information: lab analysis of manure, proposed or actual manure application rate, and proposed or actual application method and incorporation timing.
- 2. Multiply the lab analysis (a) by rate (b) to determine (c) total nutrients per acre applied to the field.
- 3. Select appropriate 1st year N availability %. 1st year P₂O_{5 and} K₂O availabilities and 2nd year N availabilities are already entered on the form. The percentages account for available nutrients after deducting nutrient losses attributed to selected manure application processes. Multiply (c) total nutrients per acre applied to the field by the respective percentages. The answers are nutrients available the 1st and 2nd crop years after application on a per acre basis.

Broadcast-Incorporation Timing						Injection		
est	None (>96 hrs.)	12 hrs. to <4 day	Sweep	Knife				
1 st year N%	35%	55% Manure source	75°	%	80%	70%		
		FIELI						
Manusa Analysia	(lba /tan ar 1000 mala)	(=)	N	P_2O_5	K₂0			
Manure Analysis	(lbs./ton or 1000 gals.)	(a) _	X	(a) <u>x</u>	(a) X			
Application Rate	(tons or 1000 gals./acre)	(b) _		(b)	(b)			
Total Nutrients	applied (lbs./acre)	(a) X (b)=(c)	<u> </u>	(c) <u>X</u>	(c) X			
% available 1 st y	rear		^ %	80%	90%			
Nutrients Availa	ible 1st Crop Year	_	lbs./ac	lbs./	/acIbs.	/ac.		
Nutrients Availa	ble 2nd Crop Year = N	(c) X15%=_	Ibs./ac. N	NONE	NONE			
Manure source/application								
		FIEL	D#					
			N	P_2O_5	K ₂0			
Manure Analysis	(lbs./ton or 1000 gals.)	(a) _		(a)	(a)			
Application Rate	(tons or 1000 gals./acre)	(b) _	X 	(b) <u> </u>	X (b)			
Total Nutrients	applied (lbs./acre)	(a) X (b)=(c)		(c)	(c)			
% available 1 st ye	ear		X %	X 80%	X 90%			
Nutrients Availa	ıble 1 st Crop Year	_	lbs./ac	lbs./	/ac lb	s./ac.		
Nutrients Availa	ble 2nd Crop Year = N	(c)X15%=_	Ibs./ac. N	NONE	NONE			
Manure source/application Under Floor Liquid/Knife Inject FIELD # 1-5								
			.D # 1-5 N	P_2O_5	K ₂ 0			
Manure Analysis	(lbs./ton or 1000 gals.)		17	(a) 36	(a) 30			
. /	7 /	1 1 1 1 1	X	X	X			
Application Rate	(tons or 1000 gals./acre))/ / (b) 4		(b) 4	(b) 4			
Total Nutrients	applied (lbs./acre)	(<u>a)X(</u> b)= (c) 18	8	(c) 144	(c) 120			
	('/ˈˈˈˈ]		X	X	X			
% available 1 st ye	ear	7	0%	80%	90%			
Nutrients Availa	ble 1st Crop Year	1	32 lbs./ac	115 lbs./ac.	108 lbs./ac	;.		
Nutrients Availa	ble 2nd Crop Year	= N (c)188 X15%=2	28 lbs./ac. N	NONE	NONE			

Nutrients Available 1st Crop Year

Nutrients Available 2nd Crop Year = N (c)180X25%=45 lbs./ac. N

	MENT OF AGRICULTURE SOURCES CONSERVATIO	N SERVICE			MN-CPA	A-35P 8/02			
NATURAL RE		oultry Manure	Nutrient Cre	-diting		<i>1</i> 102			
	1	For Crop		uning					
	_	-							
	Producer/Operator				Planning Date				
	e following information: lab allication method and incorpor		proposed or actu	ıal manure applicatio	n rate, and proposed	or			
2. Multiply the	e lab analysis (a) by rate (b)	to determine (c) to	otal nutrients per	acre applied to the fi	eld.				
 Select appaired and already en selected me percentage 	propriate 1 st year N availabitered on the form. The percentanure application processes es. The answers are nutrier	lity %. 1st year Pentages account for Multiply (c) total its available to the	2 ⁰ 5 and K ₂ 0 av or available nutrie I <u>nutrients</u> per acr e 1 st and 2 nd cro	ailabilities and 2 nd yents after deducting notes applied to the field pyears after applic	ear N availabilities are utrient losses attribute by the respective ation on a per acre be	ed to easis.			
			cast-Incorporation						
1 st year N%		>96 hrs.) 5%	12 hrs. to <4 55%	70%	<12 hrs				
,		Manure sourc FIEL	e/application						
Manure Analys	is (lbs./ton or 1000 gals.)	(a)	N	P ₂ O ₅ (a)	K₂0 (a)				
Application Rat	te (tons or 1000 gals./acre)	(b)	X	(b) <u> </u>	X (b)				
Total Nutrient	s applied (lbs./acre)	(a) X (b)=(c)		(c)	(c)				
% available 1 ^s	^t year		X %	X 80%	X 90%				
Nutrients Avai	ilable 1 st Crop Year	-	lbs./ac	lbs./a	ac lbs./ac.				
Nutrients Avai	ilable 2nd Crop Year = N	(c)X25%=_	Ibs./ac. N	NONE	NONE				
		Manure source FIEL							
	· // / / / / / / / / / / / / / / / / /	<i>(</i>)	N	P ₂ O ₅	K₂0				
-	sis (lbs./ton or 1000 gals.)	(a)	X	(a) <u>X</u>	(a) X				
	te (tons or 1000 gals./acre)	(b)		(b)	(b)				
	s applied (lbs./acre)	(a) X (b) =(c)	X	(c) <u>X</u>	(c) X				
% available 1 st			%	80%	90%				
	ilable 1 st Crop Year	-	lbs./ac	lbs./a		·•			
Nutrients Avai	<u>ilable 2nd Crop Year</u> = N	(c)X25%=_	lbs./ac. N	NONE	NONE				
	Manure source/applica		turkey litter/Br LD # 1-5	roadcast incorpoi	ate 7 days				
		, ,	N	P ₂ O ₅	K₂0				
Manure Analys	is (lbs./ton or 1000 gals.)		8 6 K	(a) 65 X	(a) 34 X				
Application Rat	te (tøns or 1000 gals/acre)		5	(b) 5	(b) 5				
Total Nutrient	s applied (lbs./acre)		80	(c) 325	(c) 170				
% available 1 st	year		X 5%	X 80%	X 90%				

81 lbs./ac

260 lbs./ac.

NONE

153 lbs./ac.

NONE